

Mon Sep 22 11:34:32 2003

us-10-026-106e-7.rge

Page 1

GenCore version 5.1.6
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OM nucleic - nucleic search, using sw model

Run on: September 17, 2003, 16:23:50 ; Search time 396.32 seconds

(without alignments)
16618.183 Million cell updates/sec

Title: US-10-026-106e-7

Perfect score: 1599

Sequence: 1 aagggccatggcggggcccga.....acatccaccgaatcgtatg 1599

Scoring table:

IDENTITY_NUC
Gapop 10.0, Gapext 1.0

Searched:

2888711 seqs, 2045481386 residues

Total number of hits satisfying chosen parameters:

5777422

Minimum DB seq length: 0

Maximum DB seq length: 2000000000

Post-processing: Minimum Match 0%

Maximum Match 100%

Listing first 45 summaries

Database:

GenEmbl:
1: gb_da:
2: gb_hg:
3: gb_in:
4: gb_cm:
5: gb_ov:
6: gb_pac:
7: gb_ph:
8: gb_pl:
9: gb_pr:
10: gb_ro:
11: gb_scs:
12: gb_sy:
13: gb_un:
14: gb_vl:
15: em_ba:
16: em_fun:
17: em_hum:
18: em_in:
19: em_ma:
20: em_cm:
21: em_or:
22: em_ov:
23: em_pac:
24: em_ph:
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26: em_ro:
27: em_scs:
28: em_un:
29: em_vl:
30: em_hg_hum:
31: em_hg_inv:
32: em_hg_other:
33: em_hg_mus:
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37: em_hg_vtc:
38: em_sy:
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40: em_hgo_mus:
41: em_hgo_other:

score greater than or equal to the score of the result being printed,
and is derived by analysis of the total score distribution.

SUMMARIES

Result No.	Score	Query Match	Length	ID	Description
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4	1549.4	96.9	1563	AY129151	AY129151 Homo sapi
5	1365.4	85.4	1476	AY129152	AY129152 Homo sapi
6	1354.2	84.7	1476	AX478492	AX478492 Sequence
7	1316	82.3	1476	HSAS34331	AJ534331 Homo sapi
8	1086.8	68.0	1560	AX478524	AX478524 Sequence
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13	607.4	38.0	1422	AX478518	AX478518 Sequence
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ALIGNMENTS

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DEFINITION Homo sapiens mRNA for likely Interleukin or Cytokine Receptor 2
ACCESSION AJ534330
VERSION AJ534330.1 GI:26986037
KEYWORDS LTR2 gene, Likely Interleukin or Cytokine Receptor 2.
SOURCE Homo sapiens (human)
ORGANISM Homo sapiens
Eukaryota; Metazoa; Chordata; Craniata; Vertebrata; Euteleostomi;
Mammalia; Eutheria; Primates; Catarrhini; Homiidae; Homo.
REFERENCE
1 Dumoutier, L., Lejume, D., Hor, S., Rickenscher, H. and Renauld, J.C.
Cloning of a new type II cytokine receptor activating signal

Pred. No. is the number of results predicted by chance to have a


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Db      1021 CAGCCCTACATTTGAAACCACTTCTTCTGAGGAGCAAGAGCAAGGCTCCAGGCACTCG 1080
Qy      1086 GAGCTGTGTGGGTGAGCTCAGAGAGAGGCTCTCTGTCTCCAGAGCAAGGCTTC 1145
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LOCUS      Home sapiens interleukin 28 receptor A splice variant 2 (IL28RA)
DEFINITION mRNA, complete cds; alternatively spliced.
ACCESSION AY129152
VERSION    AY129152.1 GI:25527128
KEYWORDS
SOURCE     Homo sapiens (human)
ORGANISM   Eukaryote; Metazoa; Chordata; Craniata; Vertebrata; Euteleostomi;
REFERENCE  1 (bases 1 to 1476)
AUTHORS    Sheppard,P.O., Presnell,S.R., Fox,B.A., Gilbert,T., Haldeman,B.A.
and Grant,P.J.
TITLE      IL28RA splice variant 2
JOURNAL    Unpublished
AUTHORS    2 (bases 1 to 1476)
and Grant,P.O., Presnell,S.R., Fox,B.A., Gilbert,T., Haldeman,B.A.
and Grant,P.J.
TITLE      Direct Submission
JOURNAL    Submitted (05-JUL-2002) Bioinformatics, ZymoGenetics, Inc., 1201
Eastlake Avenue East, Seattle, WA 98102, USA
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BASE COUNT 314 a 439 c 454 g 269 t
ORIGIN
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Best Local Similarity 94.3%; Pred. No. 0;
Matches 1474; Conservative 0; Mismatches 1; Indels 88; Gaps 2;
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RESULT 9
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 DEFINITION Sequence 3 from Patent WO0244209.
 ACCESSION AX478499
 VERSION AX478499.1 GI:22217275

KEYWORDS
 SOURCE synthetic construct
 ORGANISM synthetic construct
 REFERENCES
 1 Presnell, S.R., Xu, W., Novak, J.E., Whitmore, T.E. and Grant, F.J.
 TITLE
 JOURNAL
 Presnell, S.R., Xu, W., Novak, J.E., Whitmore, T.E. and Grant, F.J.
 Patent: WO 0244209-A 3 06-JUN-2002;
 ZymoGenetics, Inc. (US).
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RESULT 10
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LOCUS Human DNA sequence from clone Rpl1-10N16 on chromosome 1, complete
DEFINITION
ACCESSION AL590683
VERSION AL590683
KEYWORDS HTG.
SOURCE Homo sapiens (human)
ORGANISM Homo sapiens (human)
Eukaryota; Metazoa; Chordata; Craniata; Vertebrata; Euteleostomi;
Mammalia; Eutheria; Primates; Catarrhini; Homiidae; Homo.
REFERENCE
1 (bases 1 to 164684)
Chapman, J.
Direct Submision
Submitted (01-FEB-2002) Wellcome Trust Sanger Institute, Hinxton,
Cambridgeshire, CB10 1SA, UK. E-mail enquiries:
humquerry@sanger.ac.uk; clone requests: clonerequests@sanger.ac.uk
On Feb 1, 2002 this sequence version replaced gi:18135066.
COMMENT

```

During sequence assembly data is compared from overlapping clones. Where differences are found these are annotated as variations together with a note of the overlapping clone name. Note that the variation annotation may not be found in the sequence submission only a small overlap as described above.

This sequence was finished as follows unless otherwise noted: all regions were either double-stranded or sequenced with an alternate chemistry or covered by high quality data (i.e., phred quality >= 30); an attempt was made to resolve all sequencing problems, such as compressions and repeats; all regions were covered by at least one plasmid subclone or more than one M13 subclone; and the assembly was confirmed by restriction digest. The following abbreviations are used to associate primary accession numbers given in the feature table with their source databases: Em, EMBL; Sw, SwissProt; Tr, TrEMBL; Wp, WormPeP; information on the WormPeP database can be found at http://www.sanger.ac.uk/Projects/C_elegans/wormpep. This sequence was generated from part of bacterial clone contigs of human chromosome 1, constructed by the Sanger Centre Chromosome 1 Mapping Group. Further information can be found at <http://www.sanger.ac.uk/HGP/Chr1>. Rpl1-10N16 is from the library RPl1-11.1 constructed by the group of Pictet de Jong. For further details see <http://www.chori.org/bacpac/home.htm>.

VECTOR: pBAC3.6

This sequence is the entire insert of clone Rpl1-10N16. The true left end of clone Rpl1-509F14 is at 17440 in this sequence. The true right end of clone Rpl1-293P20 is at 7665 in this sequence.

FEATURES

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 DEFINITION AY184376
 ACCESSION AY184376.1 GI:27261796
 VERSION
 KEYWORDS
 SOURCE Mus musculus (house mouse)
 ORGANISM
 Mus musculus
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 1 (bases 1 to 1608)
 Kozhenko, S. V., Gallagher, G., Baurin, V. V., Lewis-Antes, A., Shen, M., Shah, N. K., Langer, J. A., Sheikh, F., Dickensheets, H., and Donnelly, R. P.
 IFN-lambda mediate antiviral protection through a distinct class II cytokine receptor complex
 REFERENCE
 TITLE IFN-lambda mediate antiviral protection through a distinct class II cytokine receptor complex
 JOURNAL Nat. Immunol. (2002)
 PUBMED 12483210
 2 (bases 1 to 1608)
 Kozhenko, S. V.
 Direct Submission
 Submitted (20-NOV-2002) Biochemistry & Molecular Biology, University of Medicine and Dentistry of New Jersey, New Jersey Medical School, 185 South Orange Avenue, Newark, NJ 07103, USA
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 LOCUS AX478528
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 ACCESSION AX478528
 VERSION AX478528.1 GI:22217300
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 REFERENCE
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 Presnell, S.R., Xu, W., Novak, J.E., Whitmore, T.E. and Grant, F.J.
 Cytokine receptor zcytor19
 Patent: WO 0244209-A-32 06-JUN-2002;
 ZymoGenetics, Inc. (US)

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DEFINITION	Sequence 22 from Patent W00244209.					
ACCESSION	AX478518					
VERSION	AX478518.1	GI:22212790				
KEYWORDS						
SOURCE	synthetic construct					
ORGANISM	synthetic construct					
	artificial sequences.					

BASE COUNT	331 a	451 c	377 g	263 t
ORIGIN				

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Best Local Similarity	99.7%	Pred. 2.5e-145		
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Db	169	CTGACATGGGTCCCAAGGCTTGGCAACCCCGAAGTGTACCTATTGTGGGCCATACG	228	
QY	186	AGCTCTCCACCCCGTAGAGCGGTGGCGGAGTGGAGAGTGTGCGGGAACCAAGAGACTG	245	
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Db	709	GAGTCTCCAGAAAGCCAACTGG	729

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DEFINITION	AX478516	Sequence 20 from Patent WO0244209.		PAT 12-AUG-2002
ACCESSION	AX478516			
VERSION	AX478516.1	GI:22217288		
KEYWORDS				
SOURCE				
ORGANISM	Homo sapiens (human)			
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	Mammalia; Eutheria; Primates; Catarrhini; Homnidae; Homo.			
REFERENCE	1	Pisrenall,S.R., Xu,W., Novak,J.E., Whitmore,T.E. and Grant,F.J.		
AUTHORS		Cytokine receptor zcytor19		
TITLE		Patent: WO 0244209-A 20 06-UTN-2002;		
JOURNAL				

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	Best Local Similarity	99.8%;	Pred. No. 4e-117;			
	Matches	509;	Conservative	0;	Mismatches	0; Indels 1; Gaps 1
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RESULT 15
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 VERSION AY129153.1 GI:25527135
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 SOURCE Homo sapiens (human)
 ORGANISM Homo sapiens

REFERENCE Eukaryota; Metazoa; Chordata; Craniata; Vertebrata; Euteleostomi; Mammalia; Eutheria; Primates; Catarrhini; Homnidae; Homo.
 AUTHORS Sheppard, P.O., Piresnell, S.R., Fox, B.A., Gilbert, T., Haldeman, B.A. and Grant, F.J.
 TITLE IL28RA splice variant 3
 JOURNAL Unpublished
 REFERENCE 2 (bases 1 to 674)
 AUTHORS Sheppard, P.O., Piresnell, S.R., Fox, B.A., Gilbert, T., Haldeman, B.A. and Grant, F.J.
 TITLE Direct Submission
 JOURNAL Submitted (05-JUL-2002) Bioinformatics, ZymoGenetics, Inc., 1201
 AUTHORS Baslake Avenue East, Seattle, WA 98102, USA

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BASE COUNT 128 a 223 c 182 g 141 t
 ORIGIN

Query Match 31.1% Score 498; DB 9; Length 674;
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 Matches 509; Conservative 0; Mismatches 0; Indels 1; Gaps 1;

Qy 7 ATGCGCGGCGCCGAGCGCTGAGGCGCCCTGCTCTGTGCTGCTGCAAGCGCGCTCAAGG 66
 Db 1 ATGCGCGGCGCCGAGCGCTGAGGCGCCCTGCTCTGTGCTGCTGCAAGCGCGCTCAAGG 60
 Qy 67 AGGCGCGTGTGCGCCCTCCCAAGATGTGACGCTGCTCTCCCAAGATTTCAAGCTGTAC 126

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